

APICAL  
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03047

SHEET 1 OF 1

DWG NO. 646.9500

REV: NC

PREPARED  
BY

J. JACKSON

DATE: 01/24/11

EFFECT ON DWG  
☐ INC. ☒ UNINC.

DWG TITLE: 206 CABLE CUTTERS KIT

APPROVED BY:

ENGR

MFG

QC

EFF:

NEXT ORDER

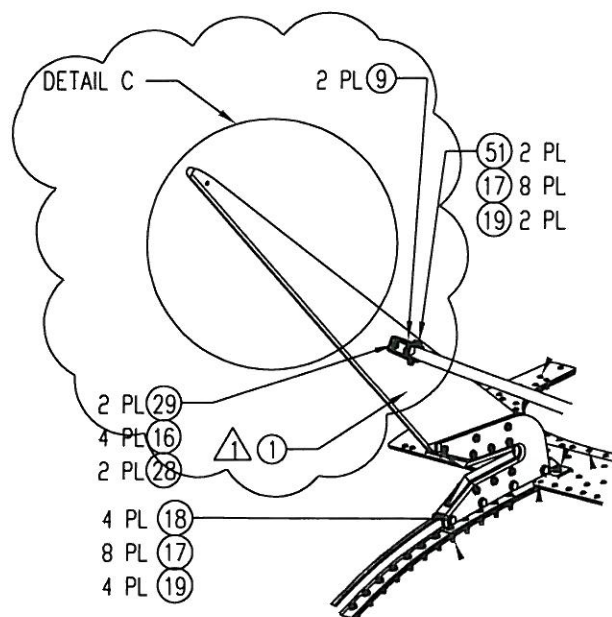
TRANSACTION CODES (TC):  
A-ADD C-CREATE  
R-REVISE D-DELETE

REASON: ADDED GPS MOUNT KIT, F/N 52. REVISED DRAWING VIEWS.  
ADDED NOTE 2.

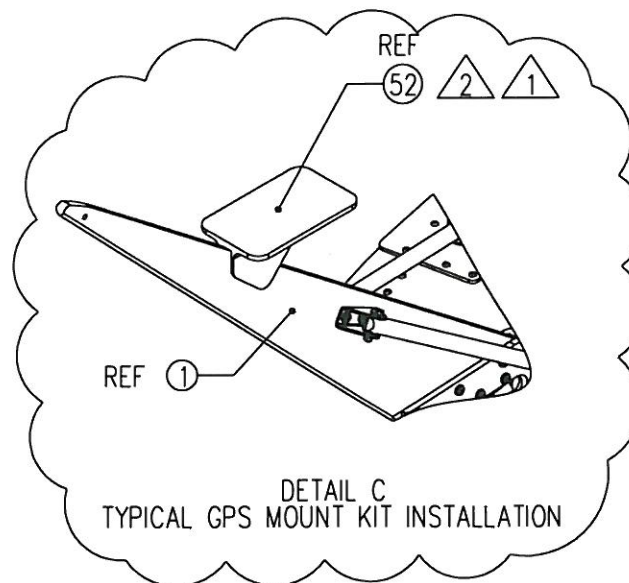
SHEET 1, ZONE B1 IS:

2 AT CUSTOMERS OPTION, INSTALL F/N 52 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A3 IS:



SHEET 2, ZONE B2 IS:



|                     |    |             |       |       |               |                                                                                                                                           |                                                                                                                                              |
|---------------------|----|-------------|-------|-------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 52                  | A  | 647.5701    | REF   | REF   | GPS MOUNT KIT | 2                                                                                                                                         |                                                                                                                                              |
| F/N                 | TC | PART NUMBER | .9502 | .9501 | DESCRIPTION   | MATERIAL                                                                                                                                  | SPECIFICATION                                                                                                                                |
|                     |    |             | QTY   |       |               |                                                                                                                                           |                                                                                                                                              |
| DOCUMENTS EFFECTED: |    |             |       |       |               | CHANGE CATEGORY                                                                                                                           | DER REVIEW REQUIRED                                                                                                                          |
|                     |    |             |       |       |               | <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM | <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

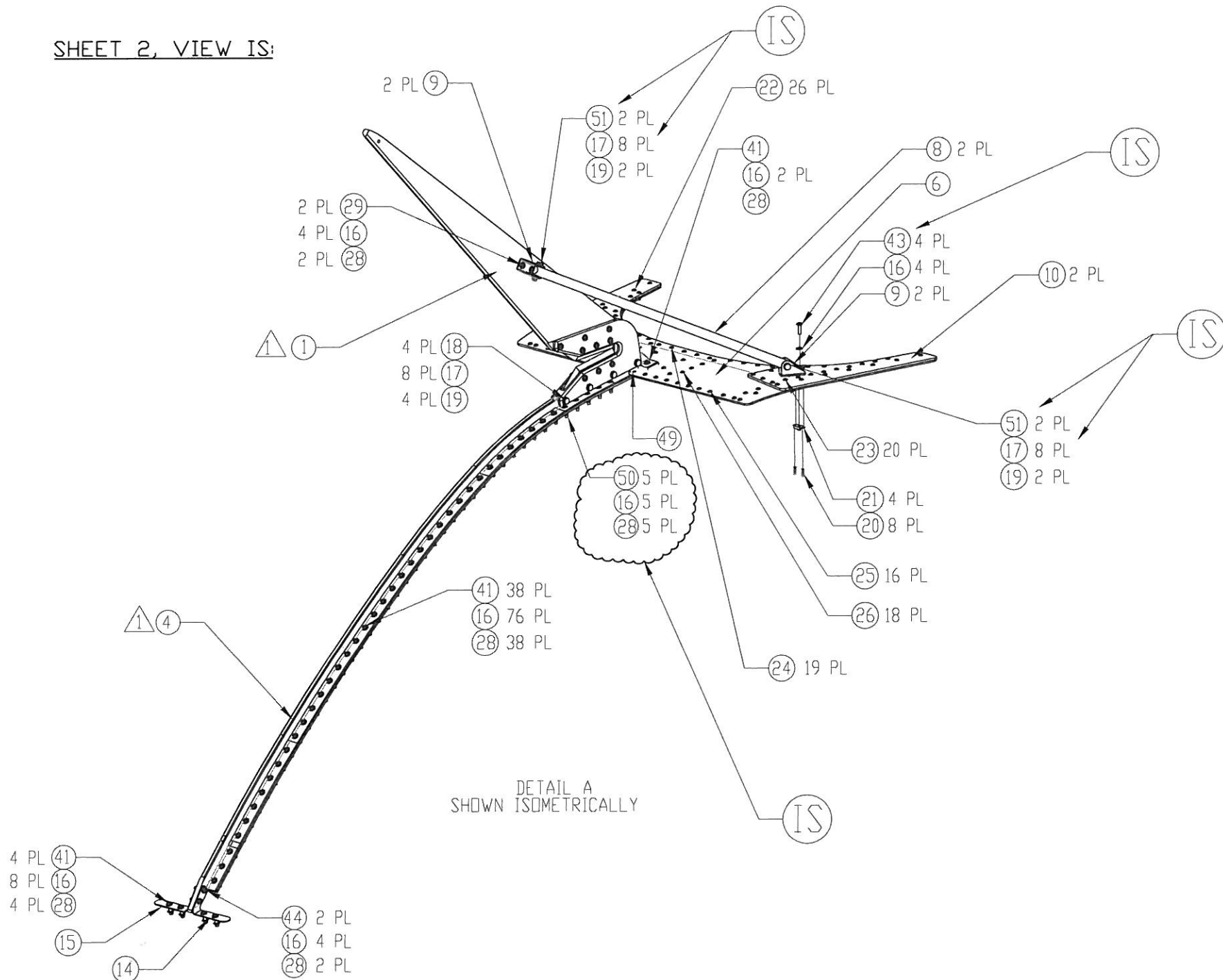
|                                                                |                                     |                         |                        |                       |                                                                                           |  |
|----------------------------------------------------------------|-------------------------------------|-------------------------|------------------------|-----------------------|-------------------------------------------------------------------------------------------|--|
| <b>APICAL</b><br>INDUSTRIES, INC.                              | ENGINEERING CHANGE NOTICE NO. 02736 |                         |                        |                       | SHEET 1 OF 1                                                                              |  |
|                                                                | DWG NO. 646.9500                    | REV: N/C                | PREPARED BY S. HUFF    | DATE: 01/06/10        | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |  |
|                                                                | DWG TITLE: 206 CABLE CUTTERS KIT    |                         |                        |                       |                                                                                           |  |
|                                                                | APPROVED BY:                        | ENGR <i>[Signature]</i> | MFG <i>[Signature]</i> | QC <i>[Signature]</i> | EFF: CURRENT ORDER                                                                        |  |
| TRANSACTION CODES (TC):<br>A-ADD C-CREATE<br>R-REVISE D-DELETE | REASON: CORRECTED PARTS LIST ERRORS |                         |                        |                       |                                                                                           |  |

| 17                                                                                                                                                                                                                | R  | 601.1607    | 62   | 62   | WASHER      | NAS1149F0332P                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|------|------|-------------|---------------------------------------------------------------------------------------------|
| 16                                                                                                                                                                                                                | R  | 601.2764    | 111  | 111  | WASHER      | NAS1149FN832P                                                                               |
|                                                                                                                                                                                                                   |    |             | 9502 | 9501 |             |                                                                                             |
| F/N                                                                                                                                                                                                               | TC | PART NUMBER | QTY  |      | DESCRIPTION | MATERIAL/SPECIFICATION                                                                      |
| DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM |    |             |      |      |             | CHANGE CATEGORY<br><input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR |
|                                                                                                                                                                                                                   |    |             |      |      |             | DER REVIEW REQUIRED<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |

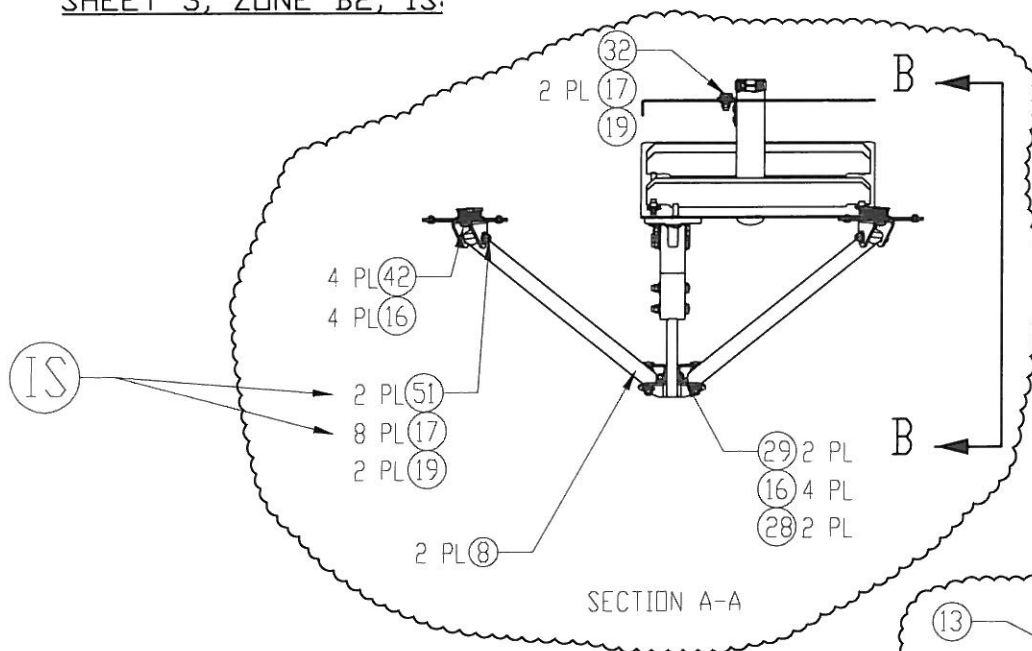
|                                                                             |                                     |                                               |                                                                                           |                        |                     |                       |  |
|-----------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------|------------------------|---------------------|-----------------------|--|
| <h1 style="margin:0;">APICAL</h1> <p style="margin:0;">INDUSTRIES, INC.</p> | ENGINEERING CHANGE NOTICE NO. 02729 |                                               |                                                                                           |                        | SHEET 1 OF 3        |                       |  |
|                                                                             | DWG NO. 646.9500                    |                                               | REV: N/C                                                                                  |                        | PREPARED BY S. HUFF |                       |  |
|                                                                             | DATE: 12/23/09                      |                                               | EFFECT ON DWG<br><input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC. |                        |                     |                       |  |
|                                                                             | DWG TITLE: 206 CABLE CUTTERS KIT    |                                               |                                                                                           |                        |                     |                       |  |
| APPROVED BY:                                                                |                                     | ENGR <i>[Signature]</i>                       |                                                                                           | MFG <i>[Signature]</i> |                     | QC <i>[Signature]</i> |  |
|                                                                             |                                     | EFF: CURRENT ORDER                            |                                                                                           |                        |                     |                       |  |
| TRANSACTION CODES (TC):<br>A-ADD C-CREATE<br>R-REVISE D-DELETE              |                                     | REASON: HARDWARE REVISIONS FROM FIRST INSTALL |                                                                                           |                        |                     |                       |  |

|                                                                                                                                                                                               |    |             |      |             |                                                                          |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|------|-------------|--------------------------------------------------------------------------|---------------------------------------------------------------------|
| 51                                                                                                                                                                                            | A  | 601.3155    | 8    | 8           | BOLT                                                                     | AN3-10A                                                             |
| 50                                                                                                                                                                                            | A  | 601.3153    | 5    | 5           | SCREW                                                                    | MS24694S8                                                           |
| 41                                                                                                                                                                                            | R  | 601.2893    | 43   | 43          | SCREW                                                                    | MS27039-0811                                                        |
| 28                                                                                                                                                                                            | R  | 601.2973    | 54   | 54          | LOCKNUT                                                                  | MS21042-08                                                          |
| 18                                                                                                                                                                                            | R  | 601.2826    | 8    | 8           | BOLT                                                                     | AN3-11A                                                             |
| 16                                                                                                                                                                                            | R  | 601.2764    | 127  | 127         | WASHER                                                                   | NAS1149FN832P                                                       |
|                                                                                                                                                                                               |    |             | 9502 | 9501        |                                                                          |                                                                     |
| F/N                                                                                                                                                                                           | TC | PART NUMBER | QTY  | DESCRIPTION |                                                                          | MATERIAL/SPECIFICATION                                              |
| DOCUMENTS EFFECTED:                                                                                                                                                                           |    |             |      |             | CHANGE CATEGORY                                                          | DER REVIEW REQUIRED                                                 |
| <input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM |    |             |      |             | <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

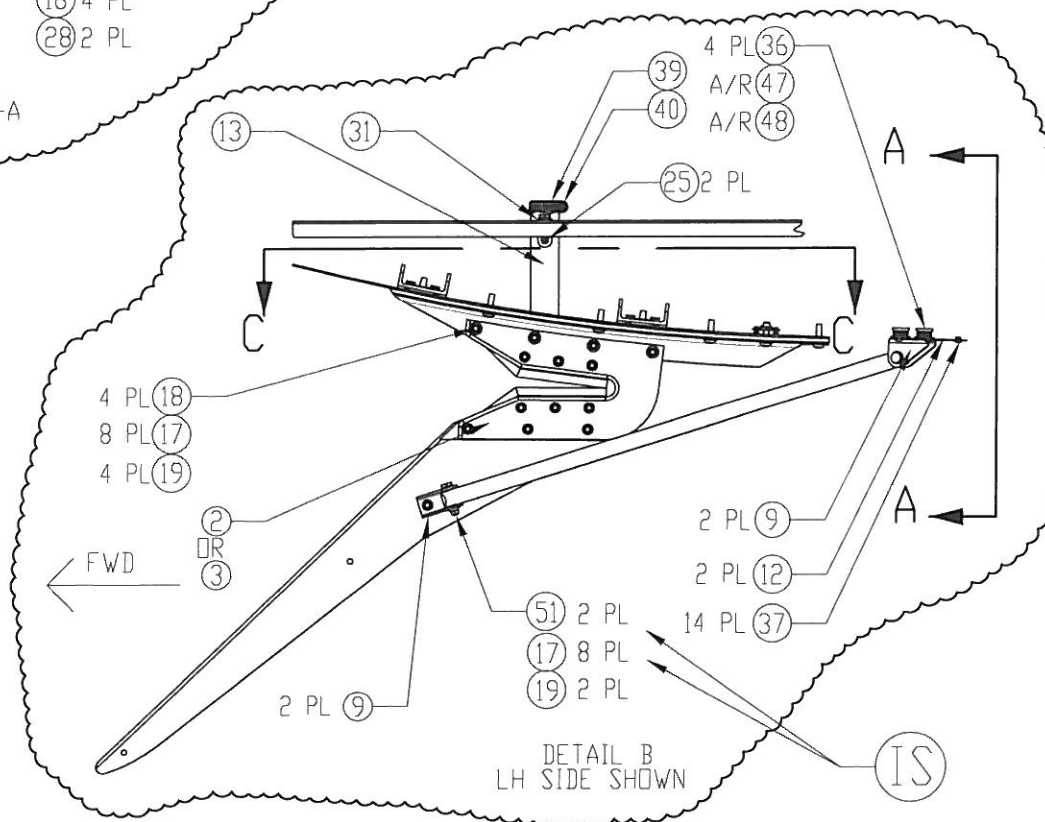
SHEET 2, VIEW IS:



SHEET 3, ZONE B2, IS:



SHEET 3, ZONE D2, IS:





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NOTES:

1 AFTER INSTALLATION, APPLY F/N 46 A/R TO FILL GAPS AND FILLET EDGES

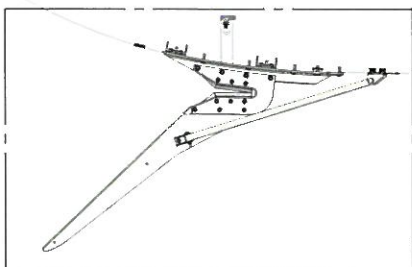
UNINCORPORATED ECN(S)

02729, 02736, 03047

DETAIL A



DETAIL B

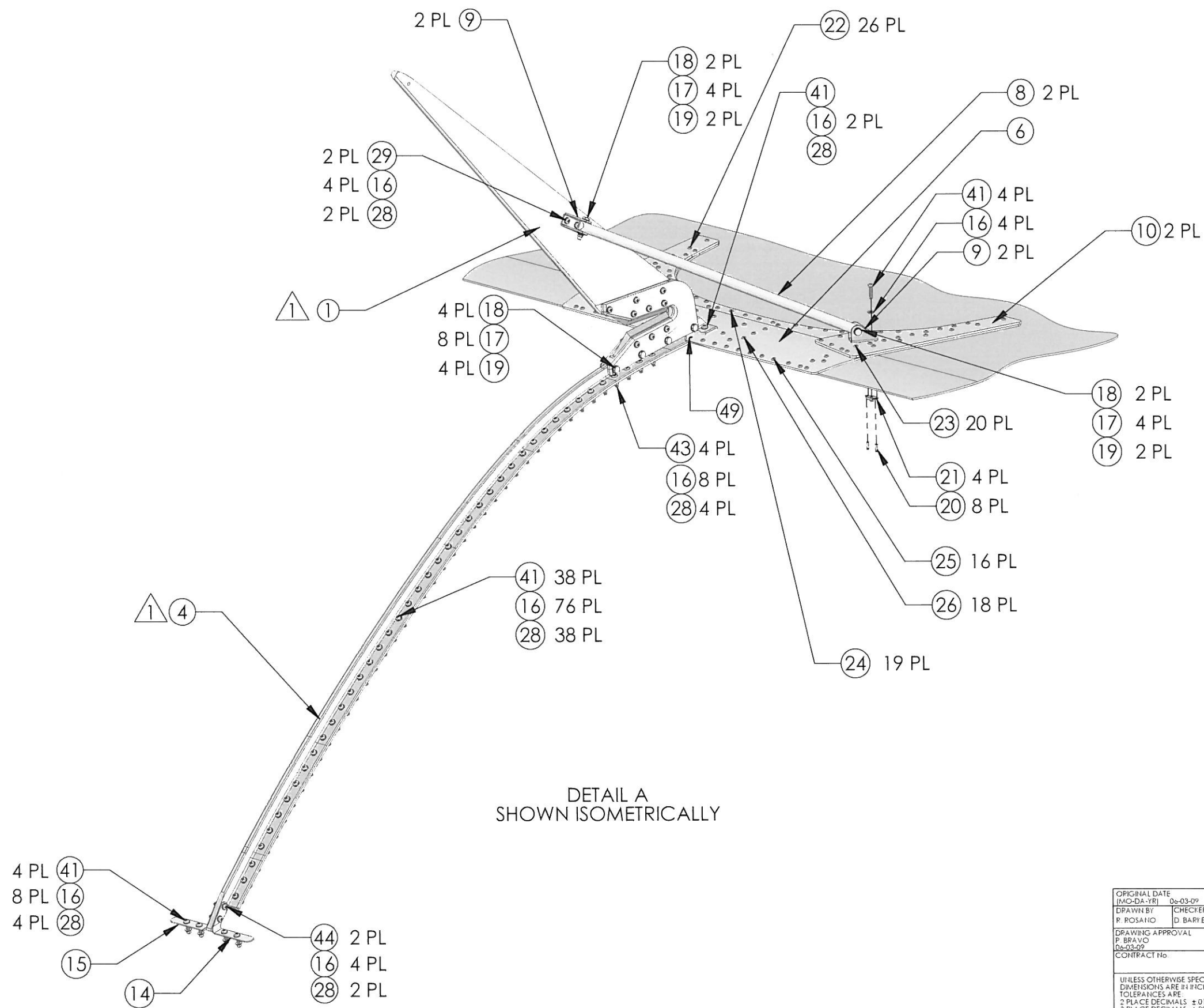


|  |      |      |        |          |                       |                 |       |
|--|------|------|--------|----------|-----------------------|-----------------|-------|
|  | 1    | 1    | 49     | 601.1066 | RIVET                 | CR3212-4-4      |       |
|  | 1    | 1    | 48     | 600.0991 | MAGNOBOND 6398 PART B |                 |       |
|  | 1    | 1    | 47     | 600.0990 | MAGNOBOND 6398 PART A |                 |       |
|  | 1    | 1    | 46     | 600.1012 | SEALANT               | PR-1425 CLASS B |       |
|  | 5    | 5    | 45     | 601.1949 | SCREW                 | MS27039-1-11    |       |
|  | 2    | 2    | 44     | 601.2989 | SCREW                 | MS27039-0812    |       |
|  | 4    | 4    | 43     | 601.2987 | SCREW                 | MS27039-0809    |       |
|  | 4    | 4    | 42     | 601.3000 | SCREW                 | MS27039-0806    |       |
|  | 9502 | 9501 | FIND # | PART #   | DESCRIPTION           | MAT'L           | SPEC. |

|      |      |        |          |                            |               |       |
|------|------|--------|----------|----------------------------|---------------|-------|
| 47   | 47   | 41     | 601.2893 | SCREW                      | MS27039-0811  |       |
| 1    | 1    | 40     | 601.2982 | HOSE CLAMP                 | MS35842-11    |       |
| 1    | 1    | 39     | 647.1210 | SCREEN                     |               |       |
| 5    | 5    | 38     | 601.1621 | SCREW                      | MS27039-1-08  |       |
| 14   | 14   | 37     | 601.2979 | RIVET                      | CR3213-4-1    |       |
| 4    | 4    | 36     | 601.2984 | INSERT                     | NAS1835-08    |       |
| 4    | 4    | 35     | 601.2277 | RIVET                      | CCR26455-3-02 |       |
| 8    | 8    | 34     | 601.2983 | RIVET                      | CR3212-5-4    |       |
| 12   | 12   | 33     | 601.2980 | NUTPLATE RIVET             | CCR26455-3-04 |       |
| 1    | 1    | 32     | 601.2822 | BOLT                       | AN3-3A        |       |
| 1    | 1    | 31     | 601.2985 | BRACKET                    | AN743-13      |       |
| 2    | 2    | 30     | 601.1900 | NUTPLATE                   | MS21059-3     |       |
| 6    | 6    | 29     | 601.2988 | SCREW                      | MS27039-0813  |       |
| 53   | 53   | 28     | 601.2973 | LOCKNUT                    | MS21042-08    |       |
| 6    | 6    | 27     | 600.0795 | NUTPLATE                   | MS21047-3     |       |
| 18   | 18   | 26     | 601.0790 | RIVET                      | CR3213-4-3    |       |
| 18   | 18   | 25     | 601.1039 | RIVET                      | CR3213-4-2    |       |
| 19   | 19   | 24     | 601.1915 | RIVET                      | CR3213-4-4    |       |
| 20   | 20   | 23     | 601.2991 | RIVET                      | CR3213-4-6    |       |
| 26   | 26   | 22     | 601.1183 | RIVET                      | CR3213-4-5    |       |
| 4    | 4    | 21     | 601.2356 | NUTPLATE                   | MS21059L08    |       |
| 8    | 8    | 20     | 601.2981 | NUTPLATE RIVET             | CCR26455-3-06 |       |
| 17   | 17   | 19     | 601.2943 | LOCKNUT                    | MS21042-3     |       |
| 16   | 16   | 18     | 601.2826 | BOLT                       | AN3-11A       |       |
| 46   | 46   | 17     | 601.1607 | WASHER                     | NAS1149F0332P |       |
| 114  | 114  | 16     | 601.2764 | WASHER                     | NAS1149FN832P |       |
| 1    | 1    | 15     | 647.0115 | CLIP                       |               |       |
| 1    | 1    | 14     | 647.0114 | CLIP                       |               |       |
| 1    | 1    | 13     | 647.0410 | TUBE                       |               |       |
| 2    | 2    | 12     | 647.0116 | DOUBLER                    |               |       |
| 1    | 1    | 11     | 647.0111 | PANEL                      |               |       |
| 2    | 2    | 10     | 647.0113 | STRUT DOUBLER              |               |       |
| 8    | 8    | 9      | 647.0112 | STRUT BRACKET              |               |       |
| 4    | 4    | 8      | 646.9910 | STRUT                      |               |       |
| 2    | 2    | 7      | 647.0310 | CHANNEL                    |               |       |
| 1    | 1    | 6      | 647.0110 | ROOF DOUBLER               |               |       |
| 1    | 1    | 5      | 647.0210 | RAIL                       |               |       |
| 1    | 1    | 4      | 646.9810 | DEFLECTOR                  |               |       |
| 1    |      | 3      | 646.9603 | LOWER CUTTER ASSY LOW      |               |       |
|      | 1    | 2      | 646.9602 | LOWER CUTTER ASSY HIGH     |               |       |
| 1    | 1    | 1      | 646.9601 | UPPER CUTTER ASSY          |               |       |
|      |      |        | 646.9502 | 206 CABLE CUTTERS KIT LOW  |               |       |
|      |      |        | 646.9501 | 206 CABLE CUTTERS KIT HIGH |               |       |
| 9502 | 9501 | FIND # | PART #   | DESCRIPTION                | MAT'L         | SPEC. |

|               |                                                                                                                                             |                                                                                         |                    |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------|
| QTY           | ORIGINAL DATE<br>JMC-DA-YR 06-03-09                                                                                                         | APICAL INDUSTRIES<br>2608 TEMPLE HEIGHTS DR.<br>OCEANSIDE, CA. 92056-3512 (760)724-5300 |                    |
| NEXT ASSY (S) | DRAWN BY<br>P. ROSANO                                                                                                                       | CHECKED<br>D. BARKER                                                                    |                    |
|               | DRAWING APPROVAL<br>P. BRAVO                                                                                                                |                                                                                         |                    |
|               | CONTRACT No.                                                                                                                                |                                                                                         |                    |
|               | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>2 PLACE DECIMALS ±.01<br>3 PLACE DECIMALS ±.005<br>ANGLES ±.5° | SIZE<br>B                                                                               | CAGE CODE<br>07M26 |
|               |                                                                                                                                             | DWG NO.<br>646.9500                                                                     | REV.<br>N/C        |
|               |                                                                                                                                             | SCALE NONE                                                                              | SHEET 1 OF 3       |

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DETAIL A  
SHOWN ISOMETRICALLY

|                                                                                                                                             |                      |                                                                    |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------|----------------------|
| ORIGINAL DATE<br>(MO-DA-YR) 08-03-09                                                                                                        |                      | APICAL INDUSTRIES                                                  |                      |
| DRAWN BY<br>R. ROSANO                                                                                                                       | CHECKER<br>D. BARTER | 2608 TEMPLE HEIGHTS DR.<br>OCEANSIDE, CA. 92056-3512 (760)724-5300 |                      |
| DRAWING APPROVAL<br>P. BRAVO<br>08-03-09                                                                                                    |                      | 206 CABLE CUTTERS KIT                                              |                      |
| CONTRACT No.                                                                                                                                |                      |                                                                    |                      |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE:<br>2 PLACE DECIMALS ±.01<br>3 PLACE DECIMALS ±.005<br>ANGLES ±.5° |                      | SIZE<br>B                                                          | REV.<br>N/C          |
|                                                                                                                                             |                      | CAGE CODE<br>07MZ6                                                 | DWG. NO.<br>646.9500 |
|                                                                                                                                             |                      | SCALE<br>NONE                                                      | SHEET<br>2 OF 3      |



[illegible]

|                                                                                                                                                                |                                                                                                                                                                                                                                   |                    |                      |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|--------------|
| ORIGINAL DATE<br>(MO-DA-YR) 06-03-09<br>DRAWN BY P. ROSANO<br>CHECKED D. BARTER<br>DRAWING APPROVAL P. BRAVO<br>06-03-09<br>CONTRACT No.                       | <h1 style="text-align: center;">APICAL INDUSTRIES</h1> <p style="text-align: center;">2608 TEMPLE HEIGHTS DR.<br/>         OCEANSIDE, CA, 92056-3512 (760)724-5300</p> <h2 style="text-align: center;">206 CABLE CUTTERS KIT</h2> |                    |                      |              |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE<br>2 PLACE DECIMALS $\pm .01$<br>3 PLACE DECIMALS $\pm .005$<br>ANGLES $\pm .5^\circ$ | SIZE<br>B                                                                                                                                                                                                                         | CAGE CODE<br>07M26 | DWG. NO.<br>646.9500 | REV.<br>N/C  |
|                                                                                                                                                                | SCALE NONE                                                                                                                                                                                                                        |                    |                      | SHEET 3 OF 3 |
|                                                                                                                                                                |                                                                                                                                                                                                                                   |                    |                      |              |